



1627

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/675,525

DATE: 02/14/2002  
TIME: 15:17:13

Input Set : A:\-2-1.app  
Output Set: N:\CRF3\02142002\I675525.raw

Does Not Comply  
Corrected Diskette Needed

3 <110> APPLICANT: Barrett, Ronald W.  
4 Dower, William J.  
5 Gallop, Mark  
6 Woiwode, Thomas F.  
7 Cwirla, Steven E.  
8 XenoPort, Inc.  
10 <120> TITLE OF INVENTION: Compounds Displayed on Replicable Genetic Packages and  
11 Methods of Using Same  
13 <130> FILE REFERENCE: 019282-000210US  
15 <140> CURRENT APPLICATION NUMBER: US 09/675,525  
16 <141> CURRENT FILING DATE: 2000-09-29  
18 <150> PRIOR APPLICATION NUMBER: US 60/156,674  
19 <151> PRIOR FILING DATE: 1999-09-29  
21 <160> NUMBER OF SEQ ID NOS: 7  
23 <170> SOFTWARE: PatentIn Ver. 2.1  
25 <210> SEQ ID NO: 1  
26 <211> LENGTH: 60  
27 <212> TYPE: DNA  
28 <213> ORGANISM: Artificial Sequence  
30 <220> FEATURE:  
31 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element  
32 inserted into phagemid (gene VIII)  
34 <400> SEQUENCE: 1  
35 gcggccgcws swwswwswws wwwwwsssg aattccctat agtgagtcgt attaaagctt 60  
38 <210> SEQ ID NO: 2  
39 <211> LENGTH: 21  
40 <212> TYPE: PRT  
41 <213> ORGANISM: Artificial Sequence  
43 <220> FEATURE:  
44 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA  
45 biotinylation substrate sequence  
47 <220> FEATURE:  
48 <221> NAME/KEY: MOD\_RES  
49 <222> LOCATION: (11)  
50 <223> OTHER INFORMATION: Xaa = Lys modified by biotin  
52 <400> SEQUENCE: 2  
W--> 53 Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile Glu Trp His Glu  
54 1 5 10 15  
56 Gly Gly Gly Gly Ser  
57 20  
60 <210> SEQ ID NO: 3  
61 <211> LENGTH: 63  
62 <212> TYPE: DNA

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63 <213> ORGANISM: Artificial Sequence  
65 <220> FEATURE:  
66 <223> OTHER INFORMATION: Description of Artificial Sequence: 5' end of gene  
67 for filamentous phage coat protein pVIII  
69 <400> SEQUENCE: 3  
70 ggcgggctta atgatatttt tgaggcttag aagattgagt ggcatgaggg aggcgggggt 60  
71 agc 63  
74 <210> SEQ ID NO: 4  
75 <211> LENGTH: 20  
76 <212> TYPE: PRT  
77 <213> ORGANISM: Artificial Sequence  
79 <220> FEATURE:  
80 <223> OTHER INFORMATION: Description of Artificial Sequence: BirA  
81 biotinylation substrate sequence  
83 <400> SEQUENCE: 4  
W--> 84 Asn Ser Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile  
85 1 5 10 15  
87 Glu Trp His Glu  
88 20  
91 <210> SEQ ID NO: 5  
92 <211> LENGTH: 71  
93 <212> TYPE: DNA  
94 <213> ORGANISM: Artificial Sequence  
96 <220> FEATURE:  
97 <223> OTHER INFORMATION: Description of Artificial Sequence: 3' end of gene  
98 10B major coat protein of T7 phage  
100 <400> SEQUENCE: 5  
101 aattctggag gcgggggtct taatgatatt tttgaggctc agaagattga gtggcatgag 60  
102 taagtaacta a 71  
105 <210> SEQ ID NO: 6  
106 <211> LENGTH: 58  
107 <212> TYPE: DNA  
108 <213> ORGANISM: Artificial Sequence  
110 <220> FEATURE:  
111 <223> OTHER INFORMATION: Description of Artificial Sequence: genetic element  
112 inserted into T7 phage vector  
114 <400> SEQUENCE: 6  
115 gcggccgcws swwswwswws wwwswsssg tattctatag tgcaccaa atctcgag 58  
118 <210> SEQ ID NO: 7  
119 <211> LENGTH: 5  
120 <212> TYPE: PRT  
121 <213> ORGANISM: Artificial Sequence  
123 <220> FEATURE:  
124 <223> OTHER INFORMATION: Description of Artificial Sequence: mAb 3E7 epitope  
125 peptide  
127 <400> SEQUENCE: 7  
128 Tyr Gly Gly Phe Leu  
129 1 5

All "Xaa" must  
be explained in  
feature <220> - <223>  
see item # 9 on ERROR  
summary SHEET

VERIFICATION SUMMARY

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L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:84 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4

L:84 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4

L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4